

Attorney's Docket No. K&A 99-1833  
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**APPLICATION**

**FOR UNITED STATES LETTERS PATENT**

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**SPECIFICATION**

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT I, **GERALD L. THOMAS**, a citizen of  
UNITED STATES OF AMERICA, have invented a new and useful  
**PAGER BELT BUCKLE DEVICE** of which the following is a  
specification:

# PAGER BELT BUCKLE DEVICE

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## BACKGROUND OF THE INVENTION

### Field of the Invention

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The present invention relates to a beeper belt buckle and more particularly pertains to a new pager belt buckle device for conveniently combining a belt buckle with a pager unit.

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### Description of the Prior Art

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The use of a beeper belt buckle is known in the prior art. More specifically, a beeper belt buckle heretofore devised and utilized are known to consist basically of familiar, expected and obvious structural configurations, notwithstanding the myriad of designs encompassed by the crowded prior art which have been developed for the fulfillment of countless objectives and requirements.

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Known prior art includes U.S. Patent No. 4,300,129; U.S. Patent No. 5,297,118; U.S. Patent No. 5,737,688; U.S. Patent No. 5,007,105; U.S. Patent No. 4,753,377; and U.S. Patent No. Des. 270,682.

While these devices fulfill their respective, particular objectives and requirements, the aforementioned patents do not disclose a new pager belt buckle device. The inventive device includes a belt buckle member having an upper elongate support portion and a lower elongate support portion being spaced apart and further having a housing portion integrally attached to the upper and lower elongate support portions and being disposed therebetween and being recessed along a longitudinal back side of the elongate support portions thus forming a belt receiving slot between the upper and lower elongate support portions; and also includes pin-like support members being removably connected to the upper and lower support portions and extending therebetween; and further includes a catch member hingedly mounted about a first of the pin-like support members; and further includes a pager assembly for receiving radio signals.

In these respects, the pager belt buckle device according to the present invention substantially departs from the conventional concepts and designs of the prior art, and in so doing provides an apparatus primarily developed for the purpose of conveniently combining a belt buckle with a pager unit.

## SUMMARY OF THE INVENTION

In view of the foregoing disadvantages inherent in the known types of beeper belt buckle now present in the prior art, the present invention provides a new pager belt buckle device construction wherein the same can be utilized for conveniently combining a belt buckle with a pager unit.

The general purpose of the present invention, which will be described subsequently in greater detail, is to provide a new pager

belt buckle device which has many of the advantages of the beeper  
belt buckle mentioned heretofore and many novel features that  
result in a new pager belt buckle device which is not anticipated,  
rendered obvious, suggested, or even implied by any of the prior art  
5 beeper belt buckle, either alone or in any combination thereof.

To attain this, the present invention generally comprises a  
belt buckle member having an upper elongate support portion and a  
lower elongate support portion being spaced apart and further  
10 having a housing portion integrally attached to the upper and lower  
elongate support portions and being disposed therebetween and  
being recessed along a longitudinal back side of the elongate  
support portions thus forming a belt receiving slot between the  
upper and lower elongate support portions; and also includes pin-  
15 like support members being removably connected to the upper and  
lower support portions and extending therebetween; and further  
includes a catch member hingedly mounted about a first of the pin-  
like support members; and further includes a pager assembly for  
receiving radio signals.

20 There has thus been outlined, rather broadly, the more  
important features of the invention in order that the detailed  
description thereof that follows may be better understood, and in  
order that the present contribution to the art may be better  
25 appreciated. There are additional features of the invention that  
will be described hereinafter and which will form the subject matter  
of the claims appended hereto.

In this respect, before explaining at least one embodiment of  
30 the invention in detail, it is to be understood that the invention is  
not limited in its application to the details of construction and to

the arrangements of the components set forth in the following description or illustrated in the drawings. The invention is capable of other embodiments and of being practiced and carried out in various ways. Also, it is to be understood that the phraseology and terminology employed herein are for the purpose of description and should not be regarded as limiting.

As such, those skilled in the art will appreciate that the conception, upon which this disclosure is based, may readily be utilized as a basis for the designing of other structures, methods and systems for carrying out the several purposes of the present invention. It is important, therefore, that the claims be regarded as including such equivalent constructions insofar as they do not depart from the spirit and scope of the present invention.

Further, the purpose of the foregoing abstract is to enable the U.S. Patent and Trademark Office and the public generally, and especially the scientists, engineers and practitioners in the art who are not familiar with patent or legal terms or phraseology, to determine quickly from a cursory inspection the nature and essence of the technical disclosure of the application. The abstract is neither intended to define the invention of the application, which is measured by the claims, nor is it intended to be limiting as to the scope of the invention in any way.

It is therefore an object of the present invention to provide a new pager belt buckle device which has many of the advantages of the beeper belt buckle mentioned heretofore and many novel features that result in a new pager belt buckle device which is not anticipated, rendered obvious, suggested, or even implied by any of

the prior art beeper belt buckle, either alone or in any combination thereof.

It is another object of the present invention to provide a new  
5 pager belt buckle device which may be easily and efficiently  
manufactured and marketed.

It is a further object of the present invention to provide a new  
10 pager belt buckle device which is of a durable and reliable  
construction.

An even further object of the present invention is to provide a  
new pager belt buckle device which is susceptible of a low cost of  
manufacture with regard to both materials and labor, and which  
15 accordingly is then susceptible of low prices of sale to the  
consuming public, thereby making such pager belt buckle device  
economically available to the buying public.

Still yet another object of the present invention is to provide  
20 a new pager belt buckle device which provides in the apparatuses  
and methods of the prior art some of the advantages thereof, while  
simultaneously overcoming some of the disadvantages normally  
associated therewith.

Still another object of the present invention is to provide a  
25 new pager belt buckle device for conveniently combining a belt  
buckle with a pager unit.

Yet another object of the present invention is to provide a  
30 new pager belt buckle device which includes a belt buckle member  
having an upper elongate support portion and a lower elongate  
support portion being spaced apart and further having a housing

portion integrally attached to the upper and lower elongate support portions and being disposed therebetween and being recessed along a longitudinal back side of the elongate support portions thus forming a belt receiving slot between the upper and lower elongate support portions; and also includes pin-like support members being  
5 removably connected to the upper and lower support portions and extending therebetween; and further includes a catch member hingedly mounted about a first of the pin-like support members; and further includes a pager assembly for receiving radio signals.

10 Still yet another object of the present invention is to provide a new pager belt buckle device that safely secures one's pager upon one's person.

15 Even still another object of the present invention is to provide a new pager belt buckle device that eliminates the user from having to worry about losing or finding one's pager.

20 These together with other objects of the invention, along with the various features of novelty which characterize the invention, are pointed out with particularity in the claims annexed to and forming a part of this disclosure. For a better understanding of the invention, its operating advantages and the specific objects attained by its uses, reference should be made to the accompanying drawings  
25 and descriptive matter in which there are illustrated preferred embodiments of the invention.

#### **BRIEF DESCRIPTION OF THE DRAWINGS**

30 The invention will be better understood and objects other than those set forth above will become apparent when consideration is

given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

Figure 1 is a front perspective view of a new pager belt buckle device according to the present invention.

Figure 2 is a rear perspective view of the present invention.

Figure 3 is a top plan view of the present invention.

Figure 4 is a cross-sectional view of the present invention.

Figure 5 is a perspective view of the present invention shown in use with a belt.

## DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference now to the drawings, and in particular to Figures 1 through 5 thereof, a new pager belt buckle device embodying the principles and concepts of the present invention and generally designated by the reference numeral 10 will be described.

As best illustrated in Figures 1 through 5, the pager belt buckle device 10 generally comprises a belt buckle member 11 having an upper elongate support portion 12 and a lower elongate support portion 17 being spaced apart and further having a housing portion 24 integrally attached to the upper and lower elongate support portions 12,17 and being disposed therebetween and being recessed along longitudinal back sides 22,23 of the elongate support portions 11,17 thus forming a belt receiving slot between the upper and lower elongate support portions 11,17. The housing portion 24 includes a battery compartment 26 disposed therein, and also includes a battery compartment opening 27 disposed in a back



wall 25 of the housing portion 24, and further includes a cover 28  
removably disposed over the battery compartment opening 27. The  
longitudinal back sides 22,23 of the elongate support portions 11,17  
are generally bowed inwardly with the housing portion 24 having a  
5 length substantially greater than its thickness.

Pin-like support members 29,30 are removably connected to  
the upper and lower support portions 11,17 and extend  
therebetween. Each of the pin-like support members 29,30 includes  
a tubular member 31 having an open end 32 and a bore 33 extending  
10 therein through the open end 32, and also includes a spring 34  
being disposed in the bore 33 of the tubular member 31, and further  
includes a shaft 35 movably disposed in the bore 33 and being  
biasedly extended from the open end 32 of the tubular member 31.  
Each of the upper and lower elongate support portions 11,17 has a  
15 first end portion 13,18 which extends beyond the housing portion  
24 with each of the first end portions 13,18 having a hole 15,20  
disposed therein and being in alignment with one another and also  
being adapted to receive ends of a second pin-like support member  
29. Each of the upper and lower elongate support portions 11,17  
20 also has a second end portion 14,19 which has a hole 16,21  
disposed therein and being in alignment with one another and also  
being adapted to receive ends of the first pin-like support member  
30.

A catch member 36 is hingedly and conventionally mounted  
25 about a first of the pin-like support members 30 with the catch  
member 36 being essentially a lever having an end portion 37 and a  
bore 38 extending through the end portion 37. The bore 38 of the  
lever is adapted to receive the first pin-like support member 30  
with the lever being adapted to pivotally and securely engage a

portion of a belt 43 between itself and the back wall 25 of the housing portion 24.

A pager means for receiving radio signals includes a readout display screen 39 conventionally disposed in a top of the upper elongate support member 12, and also includes a plurality of depressible function-performing members 40 also being conventionally disposed in the top of the upper elongate support member 12, and further includes a signal receiving member 41 being securely disposed in the housing portion 24, and also includes batteries 42 being removably disposed in the battery compartment 26 for energizing the signal receiving member 41.

In use, the user would use the pager belt buckle device 10 just like any buckle for a conventional belt except that the present invention also includes a pager means disposed therein so that the user doesn't need to have both a pager and a buckle. The pager belt buckle device 10 would be used to fasten the ends of the belt 43 about the waist of the user.

As to a further discussion of the manner of usage and operation of the present invention, the same should be apparent from the above description. Accordingly, no further discussion relating to the manner of usage and operation will be provided.

With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of the invention, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by the present invention.

Therefore, the foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention.

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